

**" LUMINOUS DIFFUSER WITH DIFFERENTIATED LIGHT EMITTING  
PARTS FOR LIGHTING EQUIPMENT"**

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**CLAIMS**

1. Light diffuser for lighting equipments which comprising a body or housing (11) enclosing a number of light sources (12) suitably supported and wired and front a light diffuser (13), in a front part of said body or housing, characterised in that the light diffuser is made up of a front plate (14) having  
5 holes or openings (16) uniformly distributed over all its surface, and an internal sheet (15) associated with an internal surface of the front plate and having holes of different diameters (17, 17', 17'') in different parts of its surface and each hole positioned in line with an opening in the front plate.

2. Light diffuser for lighting equipment according to claim 1, in which  
10 the front plate (14) and the internal sheet (15) are formed by two respective elements resting and fixed one against the other.

3. Light diffuser for lighting equipment according to claim 1, in which the front plate (14) and the internal sheet (15) form a single integrated unit.

4. Light diffuser for lighting equipment according to claims 1, and 2 or  
15 3, in which the front plate (14) is perforated by a multitude of holes or openings (16) all equal in size and over all its length, and in which the internal sheet (15) has holes (17) with a set diameter in the parts in line with the light sources, other holes (17') of a larger size in the parts distant from the light

sources and among these, other smaller holes (17'') along the edges of the diffuser.

5        5. Lighting equipment comprising a body or housing (11) enclosing several light sources (12) suitably supported and wired and closed at the front by a light diffuser (13), characterised in that said diffuser is made up of a front plate (14) with holes or openings (16) uniformly positioned over all its surface, and of one internal sheet (15) associated with the internal surface of the front plate and having holes with different diameters (17, 17', 17'') in different parts of its surface and each positioned in line with an opening in the front plate.

10        6. Lighting equipment according to claim 5, in which the front plate (14) and the internal sheet (15) of the diffuser are made up of due respective elements resting and fixed one against the other.

7. Lighting equipment according to claim 5, in which the front plate (14) and the internal sheet (15) of the diffuser form a single integral body.

15        8. Lighting equipment according to claims 5,6, or 7, in which the front plate (14) of the diffuser is perforated for all its length, by a multitude of holes or openings (16) all equal in size, and in which the internal sheet (15) of the diffuser has holes (17) of a set diameter in the parts in line with the light sources, other larger holes (17') in the parts distant from the light sources and  
20 among these further smaller holes (17'') along the edges of the diffuser.